

Title (en)

METHOD FOR SEMIAUTOMATICALLY CREATING A SIMULATION MODEL FOR A MECHATRONIC SYSTEM

Title (de)

VERFAHREN ZUM SEMI-AUTOMATISCHEN ERSTELLEN EINES SIMULATIONSMODELLS FÜR EIN MECHATRONISCHES SYSTEM

Title (fr)

PROCÉDÉ DE CRÉATION SEMI-AUTOMATIQUE D'UN MODÈLE DE SIMULATION POUR UN SYSTÈME MÉCATRONIQUE

Publication

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Application

**EP 12799516 A 20121120**

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Abstract (en)

[origin: WO2013076071A1] The invention relates to a computer, a computer program, a data memory and a method for creating a simulation model for a mechatronic system having at least one electrical actuator and at least one mechanical component, wherein the actuator and the mechanical component are mechanically operatively connected to one another, wherein the actuator moves the mechanical component on the basis of a control signal, wherein an electrical simulation model is provided, wherein the electrical simulation model models the electrical behaviour and the movement behaviour of the actuator, and wherein a mechanical simulation model is provided, wherein the mechanical simulation model models the behaviour of the mechanical component under the effect of the actuator, wherein the electrical simulation model and the mechanical simulation model are connected to one another via a first interface.

IPC 8 full level

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